DERWENT-ACC-NO: 2004-660061

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TITLE: Glass structure for <u>cathode ray tube</u>

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PRIORITY-DATA: 2002KR-0071471 (November 18, 2002)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC KR 2004044067 A May 27, 2004 N/A 001 H01J 029/87

APPLICATION-DATA:

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ABSTRACTED-PUB-NO: KR2004044067A

BASIC-ABSTRACT:

NOVELTY - A glass structure is provided to prevent crack and damage of glass by forming a protrusion at the <u>top of round</u> where a funnel yoke and a funnel body meet and reducing high stress in the glass.

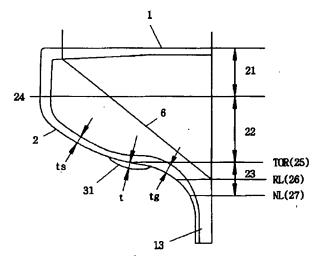
DETAILED DESCRIPTION - A <u>cathode ray tube</u> comprises a panel(1) having an inner surface on which a phosphor screen is formed; a funnel(2) sealed to the panel; a panel portion(21); a funnel body portion(22); a funnel yoke portion(23); a neck portion(13); and one or more protrusions(31) formed at the outer surface of a <u>top of round(25)</u> where the funnel yoke portion and the funnel body portion meet. The protrusion is formed on the connection line interconnecting the <u>diagonal</u> portion of the panel and the neck portion formed in the rear of the funnel.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: GLASS STRUCTURE CATHODE RAY TUBE

DERWENT-CLASS: V05

3/19/05, EAST Version: 2.0.1.4



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